

WEST Search History

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		<i>DB=PGPB,USPT,EPAB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L9	5340727.pn.	1
<input type="checkbox"/>	L8	L7 and l5	4
<input type="checkbox"/>	L7	L6 and l1	4
<input type="checkbox"/>	L6	\$CLCA\$	444
<input type="checkbox"/>	L5	L4 and l1	25
<input type="checkbox"/>	L4	L3 or l2	28334
<input type="checkbox"/>	L3	(530/328,350)![CCLS]	21302
<input type="checkbox"/>	L2	(514/12)![CCLS]	9655
<input type="checkbox"/>	L1	(pauli or elble or gruber).in.	3627

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NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
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NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9 MAR 08 X.25 communication option no longer available after June 2006
NEWS 10 MAR 22 EMBASE is now updated on a daily basis
NEWS 11 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 12 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
thesaurus added in PCTFULL
NEWS 13 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 14 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 15 APR 12 Improved structure highlighting in FQHIT and QHIT display
in MARPAT
NEWS 16 APR 12 Derwent World Patents Index to be reloaded and enhanced during
second quarter; strategies may be affected
NEWS 17 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 18 MAY 11 KOREAPAT updates resume

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
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FILE 'HOME' ENTERED AT 10:53:07 ON 16 MAY 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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FILE COVERS 1907 - 16 May 2006 VOL 144 ISS 21
FILE LAST UPDATED: 15 May 2006 (20060515/ED)

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=> s 245058-16-6

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L2 2 L1

=> d ibib 1-2

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:742121 CAPLUS
DOCUMENT NUMBER: 133:308983
TITLE: Compounds and methods for therapy and diagnosis of lung cancer
INVENTOR(S): Wang, Tongtong; Fan, Liqun
PATENT ASSIGNEE(S): Corixa Corporation, USA
SOURCE: PCT Int. Appl., 261 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 22
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000061612	A2	20001019	WO 2000-US8896	20000403
WO 2000061612	A3	20010426		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,			

CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6821518	B1	20041123	US 1999-285479	19990402
US 2003119763	A1	20030626	US 1999-466396	19991217
US 6696247	B2	20040224		
US 6706262	B1	20040316	US 1999-476496	19991230
US 6482597	B1	20021119	US 2000-480884	20000110
CA 2369578	AA	20001019	CA 2000-2369578	20000403
EP 1169347	A2	20020109	EP 2000-920102	20000403
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 2000009505	A	20020611	BR 2000-9505	20000403
JP 2002543769	T2	20021224	JP 2000-611554	20000403
NZ 514818	A	20040430	NZ 2000-514818	20000403
PRIORITY APPLN. INFO.:				
			US 1999-285479	A 19990402
			US 1999-466396	A 19991217
			US 1999-476496	A 19991230
			US 2000-480884	A 20000110
			US 2000-510376	A 20000222
			US 1998-40802	B2 19980318
			US 1998-123912	A2 19980727
			US 1998-221107	A2 19981222
			WO 1999-US5798	A1 19990317
			WO 2000-US8896	W 20000403

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:614132 CAPLUS

DOCUMENT NUMBER: 131:253353

TITLE: Tumor-specific polypeptide-encoding nucleic acids and methods for therapy and diagnosis of lung cancer

INVENTOR(S): Reed, Steven G.; Wang, Tongtong

PATENT ASSIGNEE(S): Corixa Corporation, USA

SOURCE: PCT Int. Appl., 148 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 22

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9947674	A2	19990923	WO 1999-US5798	19990317
WO 9947674	A3	20000120		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6210883	B1	20010403	US 1998-40984	19980318
US 6312695	B1	20011106	US 1998-123912	19980727
CA 2323093	AA	19990923	CA 1999-2323093	19990317
AU 9930949	A1	19991011	AU 1999-30949	19990317
BR 9908823	A	20001121	BR 1999-8823	19990317
EP 1064372	A2	20010103	EP 1999-912607	19990317
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002533056	T2	20021008	JP 2000-536857	19990317
NZ 506699	A	20031219	NZ 1999-506699	19990317
US 6821518	B1	20041123	US 1999-285479	19990402
US 2003119763	A1	20030626	US 1999-466396	19991217
US 6696247	B2	20040224		
US 6706262	B1	20040316	US 1999-476496	19991230

US 6482597	B1	20021119	US 2000-480884	20000110
US 6518256	B1	20030211	US 2000-542615	20000404
US 6531315	B1	20030311	US 2000-606421	20000628
NO 2000004631	A	20001115	NO 2000-4631	20000915
PRIORITY APPLN. INFO.:			US 1998-40802	A 19980318
			US 1998-40984	A 19980318
			US 1998-123912	A 19980727
			US 1998-123933	A 19980727
			US 1998-221107	A2 19981222
			WO 1999-US5798	W 19990317
			US 1999-285479	A2 19990402
			US 1999-466396	A2 19991217
			US 1999-476496	A2 19991230
			US 2000-480884	A2 20000110
			US 2000-510376	A2 20000222
			US 2000-542615	A2 20000404

=> d kwic

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 IT 112024-77-8, Humoral hypercalcemic factor (human clone BRF.61 precursor)
 160478-25-1 192333-86-1, Protein (human gene koc reduced) 211485-89-1,
 Protein p40 (human gene p40) 211486-09-8, Protein p51B (human p53-like
 isoform) 211486-10-1, Protein p51a (human p53-like isoform)
 213260-82-3, Protein (human gene p73H) 220139-16-2, Protein (human clone
 149663 gene KET) 223119-37-7 223119-44-6 244614-96-8 244776-64-5
 244776-67-8 244776-68-9 244776-71-4 244776-73-6 **245058-16-6**
 245058-17-7 245058-19-9 247918-44-1, Connexin 30 (human gene GJB6)
 301639-32-7, Protein (human clone L531S long isoform) 301639-66-7,
 Protein (human clone L519S-extended) 301640-85-7, Protein (human clone
 L514S) 301641-86-1, Protein (human clone L523S-347) 301825-73-0
 RL: BSU (Biological study, unclassified); PRP (Properties); THU
 (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence; lung tumor proteins and DNA encoding them for
 therapy and diagnosis of lung cancer)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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=> S 245058-16-6/RN

L3 1 245058-16-6/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
 SET COMMAND COMPLETED

=> D L3 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
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L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 245058-16-6 REGISTRY
 CN Tumor-specific antigen L762P (human isoform 1) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 169: PN: WO0061612 SEQID: 169 claimed protein
 CN PN: WO9947674 SEQID: 169 claimed protein
 CN Protein (human clone L762P-1)
 CN Protein (human lung neoplasm clone L762P-1)
 FS PROTEIN SEQUENCE
 SQL 592

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	WO2000061612
	claimed
	SEQID 169
	-----+
	WO9947674
	claimed
	SEQID 169

SEQ 1 MTQRSIAGPI CNLKFTVLLV ALSSELPFLG AGVQLQDNGY NGLLIAINPQ
 51 VPENQNLIIS IKEMITEASF YLFNATKRRV FFRNIKILIP ATWKANNNSK
 101 IKQESYEKAN VIVTDWYG AH GDDPYTLQYR GCGKEGKYIH FTPNFLLNDN
 151 LTAGYGSRRG VVHEWAHLR WGVFDEYNND KPFYINGQNQ IKVTRCSSDI
 201 TGIFVCEKGP CPQENCIISK LFKEGCTFIY NSTQNATASI MFMQSLSSVV
 251 EFCNASTHNQ EAPNLQNQMC SLRSAWDVIT DSADFHHSPF MNGTELPPPP
 301 TFSLVEAGDK VVCLVLDVSS KMAEADRLQ LQQAEEFYLM QIVEIHTFVG
 351 IASFDSKGEI RAQLHQINSN DDRKLLVSYL PTTVSAKTDI SICSGLKKGF

401 EVVEKLNKKA YGSVMILVTS GDDKLLGNCL PTVLSSGSTI HSIALGSSAA
451 PNLEELSRLT GGLKFFVDPDI SNSNSMIDAF SRISSGTGDI FQQHIQLEST
501 GENVKPHHQL KNTVTVDNTV GNDTMFLVTW QASGPPEIIL FDPDGRKYYT
551 NNFITNLTFR TASLWIPGTA KPGHWTYTLM CFHHAKLLTW KL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); OCCU (Occurrence); PRP
(Properties); USES (Uses)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> LOG Y

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8.12

14.69

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 NEWS 12 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
 thesaurus added in PCTFULL
 NEWS 13 APR 04 STN AnaVist \$500 visualization usage credit offered
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* available and contains the CA role and document type information. *
*
*****
```

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experimental property data in the original document. For information
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```
=> s F[SB]R[ILV][ST]S/SQSP
L1      678 F[SB]R[ILV][ST]S/SQSP
```

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=> s l1 and SQL=<12
      900289 SQL=<12
L2      6 L1 AND SQL=<12
```

```
=> file caplus
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                34.97      35.18
```

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=> s l2

L3 1 L2

=> d ibib

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1996 CAPLUS

DOCUMENT NUMBER: 142:87715

TITLE: Protein and cDNA sequences of a novel human
calcium-activated chloride channel protein CLCA2 and
their use in anti-metastatic therapy

INVENTOR(S): Pauli, Bendicht U.; Elble, Randolph C.; Gruber, Achim
D.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 85 pp., Cont.-in-part of U.S.
Ser. No. 55,412.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004265859	A1	20041230	US 2004-779949	20040217
US 6309857	B1	20011030	US 1998-193562	19981117
US 2003059861	A1	20030327	US 2001-55412	20011029
US 6692939	B2	20040217		
PRIORITY APPLN. INFO.:			US 1997-65922P	P 19971117
			US 1998-193562	A3 19981117
			US 2001-55412	A2 20011029
			US 1998-193561	A3 19981117

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.52

37.70

FILE 'REGISTRY' ENTERED AT 11:32:25 ON 16 MAY 2006

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```
*****
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*
*****
```

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=> d 12 cn hit nte 1-6

L2 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
CN L-Serine, L- α -aspartyl-L-phenylalanyl-L-seryl-L-arginyl-L-leucyl-L-
threonyl-L-serylglycylglycyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 58: PN: US20040265859 SEQID: 58 unclaimed sequence

SQL 10

SEQ 1 DFSRLTSGGS

=====

HITS AT: 2-7

L2 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
CN Glycine, L-alanyl-L-phenylalanyl-L-seryl-L-arginyl-L-isoleucyl-L-seryl-L-
seryl-L-arginyl-L-seryl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 57: PN: US20040265859 SEQID: 57 unclaimed sequence

SQL 10

SEQ 1 AFSRISRRSG

=====

HITS AT: 2-7

L2 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
CN Glycine, L-alanyl-L-phenylalanyl-L-seryl-L-arginyl-L-isoleucyl-L-seryl-L-
seryl-L-threonyl-L-seryl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 55: PN: US20040265859 SEQID: 55 unclaimed sequence

SQL 10

SEQ 1 AFSRISSTSG

=====

HITS AT: 2-7

L2 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN
CN L-Serine, L-cysteinyl-L-phenylalanyl-L-seryl-L-arginyl-L-valyl-L-seryl-L-
serylglycylglycyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 52: PN: US20040265859 SEQID: 52 claimed sequence

SQL 10

SEQ 1 CFSRVSSGGS

=====

HITS AT: 2-7

L2 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN

CN L-Serine, glycyl-L-phenylalanyl-L-seryl-L-arginyl-L-valyl-L-seryl-L-serylglycylglycyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 51: PN: US20040265859 SEQID: 51 claimed sequence

SQL 10

SEQ 1 GFSRVSSGGS

=====

HITS AT: 2-7

L2 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN

CN Glycine, L-alanyl-L-phenylalanyl-L-seryl-L-arginyl-L-isoleucyl-L-seryl-L-serylglycyl-L-threonyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 50: PN: US20040265859 SEQID: 50 claimed sequence

SQL 10

SEQ 1 AFSRISSGTG

=====

HITS AT: 2-7

=> s l1 and SQL=<15

1417454 SQL=<15

L4 7 L1 AND SQL=<15

=> s l4 not l2

L5 1 L4 NOT L2

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

43.80

81.50

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FILE COVERS 1907 - 16 May 2006 VOL 144 ISS 21

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=> s 15

L6 1 L5

=> d ibib

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:417197 CAPLUS
DOCUMENT NUMBER: 135:41811
TITLE: Nucleic acids containing human single nucleotide
polymorphisms and methods of their use
INVENTOR(S): Shimkets, Richard A.; Leach, Martin
PATENT ASSIGNEE(S): Curagen Corp., USA
SOURCE: PCT Int. Appl., 2653 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001040521	A2	20010607	WO 2000-US32758	20001130
WO 2001040521	A3	20020516		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2392948	AA	20010607	CA 2000-2392948	20001130
EP 1235936	A2	20020904	EP 2000-982352	20001130
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2004508003	T2	20040318	JP 2001-542584	20001130
PRIORITY APPLN. INFO.:			US 1999-168138P	P 19991130
			US 2000-726173	A 20001129
			WO 2000-US32758	W 20001130

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.60	83.10

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=> d l5 cn hit nte

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
CN L-Threonine, L-cysteinyL-L-phenylalanyl-L-seryl-L-arginyl-L-leucyl-L-seryl-
L-seryl-L-leucyl-L-leucyl-L- α -glutamyl-L-histidyl-L-arginyl-L-
histidyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1367: PN: WO0140521 SEQID: 6864 claimed sequence

SQL 14

SEQ 1 CFSRLSSLLE HRHT

=====

HITS AT: 2-7

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.12

91.22

STN INTERNATIONAL LOGOFF AT 11:36:12 ON 16 MAY 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9 MAR 08 X.25 communication option no longer available after June 2006
NEWS 10 MAR 22 EMBASE is now updated on a daily basis
NEWS 11 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 12 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
thesaurus added in PCTFULL
NEWS 13 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 14 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 15 APR 12 Improved structure highlighting in FQHIT and QHIT display
in MARPAT
NEWS 16 APR 12 Derwent World Patents Index to be reloaded and enhanced during
second quarter; strategies may be affected
NEWS 17 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 18 MAY 11 KOREAPAT updates resume

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

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Dear valued STN customer,

In an effort to enhance your experience with STN, we would
like to better understand what you find useful. Please take
approximately 5 minutes to complete a web survey.

If you provide us with your name, login ID, and e-mail address, you
will be entered in a drawing to win a free iPod(R). Your responses
will be kept confidential and will help us make future improvements
to STN.

Take survey: <http://www.zoomerang.com/survey.zgi?p=WEB2259HNKWTUW>

Thank you in advance for your participation.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:16:30 ON 16 MAY 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:17:15 ON 16 MAY 2006

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=>

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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 NEWS 16 APR 12 Derwent World Patents Index to be reloaded and enhanced during
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 will be kept confidential and will help us make future improvements
 to STN.

Take survey: <http://www.zoomerang.com/survey.zgi?p=WEB2259HNKWTUW>

Thank you in advance for your participation.

* * * * * STN Columbus * * * * *

```

=> file reg
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                0.21        0.21

```

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```

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*
*****

```

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 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

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```

=> s F[SN]R[ILV][ST]S/SQSP
L1      954 F[SN]R[ILV][ST]S/SQSP

```

```

=> s l1 and SQL=<700
      45199475 SQL=<700
L2      605 L1 AND SQL=<700

```

```

=> s l2 and SQL=>600
      20264787 SQL=>600
L3      75 L2 AND SQL=>600

```

```

=> file caplus
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                39.73        39.94

```

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FILE LAST UPDATED: 15 May 2006 (20060515/ED)

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=> s l3

L4 57 L3

=> s l4 not py>1996

9047887 PY>1996

L5 6 L4 NOT PY>1996

=> d ibib 1-6

L5 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:954104 CAPLUS

DOCUMENT NUMBER: 124:23081

TITLE: Developmentally regulated mouse gene NK10 encodes a zinc finger repressor protein with differential DNA-binding domains

AUTHOR(S): Lange, Rita; Christoph, Annette; Thiesen, Hans-Juergen; Vopper, Gaby; Johnson, Kenneth R.; Lemaire, Lydia; Plomann, Markus; Cremer, Harold; Barthels, Dagmar; Heinlein, Uwe A. O.

CORPORATE SOURCE: Inst. Genetik, Univ. Koeln, Cologne, D-50674, Germany

SOURCE: DNA and Cell Biology (1995), 14(11), 971-81

CODEN: DCEBE8; ISSN: 1044-5498

PUBLISHER: Liebert

DOCUMENT TYPE: Journal

LANGUAGE: English

L5 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:745449 CAPLUS

DOCUMENT NUMBER: 123:308024

TITLE: The product of Zfp59 (Mfg2), a mouse gene expressed at the spermatid stage of spermatogenesis, accumulates in spermatozoa nuclei

AUTHOR(S): Passananti, Claudio; Corbi, Nicoletta; Paggi, Marco G.; Ruso, Mario A.; Perez, Marie; Cotelli, Franco; Stefanini, Mario; Amati, Paolo

CORPORATE SOURCE: Dipartimento di Biopatologia Umana, Univ. di Roma La Sapienza, Rome, 00161, Italy

SOURCE: Cell Growth & Differentiation (1995), 6(8), 1037-44

CODEN: CGDIE7; ISSN: 1044-9523

PUBLISHER: American Association for Cancer Research

DOCUMENT TYPE: Journal

LANGUAGE: English

L5 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:406623 CAPLUS

DOCUMENT NUMBER: 121:6623
 TITLE: Mutations rendering platelet glycoprotein Ib α less reactive with von Willebrand factor
 INVENTOR(S): Miller, Jonathan L.; Cunningham, David; Lyle, Vicki A.; Finch, Clara N.
 PATENT ASSIGNEE(S): Research Foundation of State University of New York, USA
 SOURCE: U.S., 20 pp. Cont.-in-part of U.S. Ser. No. 770,968. CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5298239	A	19940329	US 1992-821717	19920115
US 5317097	A	19940531	US 1991-770968	19911007
US 5492809	A	19960220	US 1993-119262	19930909
PRIORITY APPLN. INFO.:			US 1991-770968	A2 19911007
			US 1992-821717	A3 19920115

L5 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1992:725 CAPLUS
 DOCUMENT NUMBER: 116:725
 TITLE: Glycoprotein Ib α chain (GPIb α) fragments and recombinant DNA expression vectors, and inhibition of von Willebrand factor with the fragments
 INVENTOR(S): Ruggeri, Zaverio M.; Zimmerman, Theodore S.; Houghten, Richard A.; Vicente, Vicente; Mohri, Hiroshi; Ware, Jerry L.
 PATENT ASSIGNEE(S): Scripps Clinic and Research Foundation, USA
 SOURCE: PCT Int. Appl., 77 pp. CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9109614	A1	19910711	WO 1991-US87	19910104
W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
US 5340727	A	19940823	US 1990-613083	19901114
AU 9177458	A1	19910724	AU 1991-77458	19910104
EP 524260	A1	19930127	EP 1991-908416	19910104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05503708	T2	19930617	JP 1991-507976	19910104
PRIORITY APPLN. INFO.:			US 1990-460674	A2 19900104
			US 1990-613083	A2 19901114
			US 1987-121454	B2 19871117
			WO 1991-US87	A 19910104

L5 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1989:418553 CAPLUS
 DOCUMENT NUMBER: 111:18553
 TITLE: Structure of the human blood platelet membrane glycoprotein Ib α gene
 AUTHOR(S): Wenger, Roland H.; Kieffer, Nelly; Wicki, Andreas N.; Clemetson, Kenneth J.
 CORPORATE SOURCE: Theodor Kocher Inst., Univ. Berne, Bern, CH-3012, Switz.
 SOURCE: Biochemical and Biophysical Research Communications

(1988), 156(1), 389-95
CODEN: BBRCA9; ISSN: 0006-291X

DOCUMENT TYPE: Journal
LANGUAGE: English

L5 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1988:17039 CAPLUS

DOCUMENT NUMBER: 108:17039

TITLE: Cloning of the α chain of human platelet
glycoprotein Ib: a transmembrane protein with
homology to leucine-rich α 2-glycoprotein

AUTHOR(S): Lopez, Jose A.; Chung, Dominic W.; Fujikawa, Kazuo;
Hagen, Frederick S.; Papayannopoulou, Thalia; Roth,
Gerald J.

CORPORATE SOURCE: Dep. Biochem., Univ. Washington, Seattle, WA, 98195,
USA

SOURCE: Proceedings of the National Academy of Sciences of the
United States of America (1987), 84(16), 5615-19
CODEN: PNASA6; ISSN: 0027-8424

DOCUMENT TYPE: Journal
LANGUAGE: English

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
9.71	49.65

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:56:40 ON 16 MAY 2006

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=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.44	50.09

FILE 'CAPLUS' ENTERED AT 12:57:22 ON 16 MAY 2006
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FILE COVERS 1907 - 16 May 2006 VOL 144 ISS 21
FILE LAST UPDATED: 15 May 2006 (20060515/ED)

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=> d his

(FILE 'HOME' ENTERED AT 12:52:31 ON 16 MAY 2006)

FILE 'REGISTRY' ENTERED AT 12:52:40 ON 16 MAY 2006

L1 954 S F[SN]R[ILV][ST]S/SQSP
L2 605 S L1 AND SQL=<700
L3 75 S L2 AND SQL=>600

FILE 'CAPLUS' ENTERED AT 12:55:19 ON 16 MAY 2006

L4 57 S L3
L5 6 S L4 NOT PY>1996

FILE 'REGISTRY' ENTERED AT 12:56:40 ON 16 MAY 2006

FILE 'CAPLUS' ENTERED AT 12:57:22 ON 16 MAY 2006

=> s l5

9047887 PY>1996

L6 6 L4 NOT PY>1996

=> d ibib sql seq 4

'SQL' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'
'SEQ' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM

DALL ----- ALL, delimited (end of each field identified)
 DMAX ----- MAX, delimited for post-processing
 FAM ----- AN, PI and PRAI in table, plus Patent Family data
 FBIB ----- AN, BIB, plus Patent FAM
 IND ----- Indexing data
 IPC ----- International Patent Classifications
 MAX ----- ALL, plus Patent FAM, RE
 PATS ----- PI, SO
 SAM ----- CC, SX, TI, ST, IT
 SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
 SCAN must be entered on the same line as the DISPLAY,
 e.g., D SCAN or DISPLAY SCAN)
 STD ----- BIB, CLASS

 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IBIB ----- BIB, indented with text labels
 IMAX ----- MAX, indented with text labels
 ISTD ----- STD, indented with text labels

 OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

 SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

 HIT ----- Fields containing hit terms
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
 OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.
 ENTER DISPLAY FORMAT (BIB):end

=> d ibib kwic 4

L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1992:725 CAPLUS

DOCUMENT NUMBER: 116:725

TITLE: Glycoprotein Ib α chain (GPIb α) fragments
 and recombinant DNA expression vectors, and inhibition
 of von Willebrand factor with the fragments
 INVENTOR(S): Ruggeri, Zaverio M.; Zimmerman, Theodore S.; Houghten,
 Richard A.; Vicente, Vicente; Mohri, Hiroshi; Ware,
 Jerry L.

PATENT ASSIGNEE(S): Scripps Clinic and Research Foundation, USA
 SOURCE: PCT Int. Appl., 77 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9109614	A1	19910711	WO 1991-US87	19910104
W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
US 5340727	A	19940823	US 1990-613083	19901114
AU 9177458	A1	19910724	AU 1991-77458	19910104
EP 524260	A1	19930127	EP 1991-908416	19910104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05503708	T2	19930617	JP 1991-507976	19910104
PRIORITY APPLN. INFO.:			US 1990-460674	A2 19900104
			US 1990-613083	A2 19901114
			US 1987-121454	B2 19871117
			WO 1991-US87	A 19910104
IT 111972-71-5, Sialoglycoprotein Ib (human clone λ GPIb2.4 α -subunit protein moiety reduced) 137750-42-6, 1-302-Sialoglycoprotein Ib (human clone λ GPIb2.4 α -subunit protein moiety reduced) RL: PROC (Process) (expression of, in mammalian cell line)				

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.34	54.43

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 DICTIONARY FILE UPDATES: 15 MAY 2006 HIGHEST RN 884382-45-0

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 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

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=> S 137750-42-6/RN

L7 1 137750-42-6/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D L7 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 6.36 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 137750-42-6 REGISTRY
CN 1-302-Sialoglycoprotein Ib (human clone λ GPIb2.4 α -subunit
protein moiety reduced) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1-302-Glycolipoprotein GPIb (human clone λ GPIb2.4 α -subunit
protein moiety reduced)
CN [1-302] Glycoprotein GPIb α (human)
FS PROTEIN SEQUENCE
SQL 302

SEQ 1 HPICEVSKVA SHLEVNC DKR NLTALPPDLP KDTTILHLSE NLLYTFSLAT
51 LMPYTRLTQL NLDRCETLKL QVDGTLPLVG TLDLSHNQLQ SLPLLGQTLP
101 ALTVLDVSFN RLTSPLPLGAL RGLGELQELY LKGNELKTLP PGLLTPTPKL
151 EKLSLANNNL TELPAGLLNG LENLDTLLLQ ENSLYTIPKG FFGSHLLPFA
201 FLHGNPWLCN CEILYFRRWL QDNAENVYVW KQGVVDVKAMT SNVASVQCDN
251 SDKFPVYKYP GKGCPTLGDE GDTDLYDYYP EEDTEGDKVR ATRTVVKFPT
301 KA

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation); PROC (Process)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> d his

(FILE 'HOME' ENTERED AT 12:52:31 ON 16 MAY 2006)

FILE 'REGISTRY' ENTERED AT 12:52:40 ON 16 MAY 2006
L1 954 S F[SN]R[ILV][ST]S/SQSP
L2 605 S L1 AND SQL=<700
L3 75 S L2 AND SQL=>600

FILE 'CAPLUS' ENTERED AT 12:55:19 ON 16 MAY 2006
L4 57 S L3
L5 6 S L4 NOT PY>1996

FILE 'REGISTRY' ENTERED AT 12:56:40 ON 16 MAY 2006

FILE 'CAPLUS' ENTERED AT 12:57:22 ON 16 MAY 2006
L6 6 S L5

FILE 'REGISTRY' ENTERED AT 12:58:47 ON 16 MAY 2006
L7 1 S 137750-42-6/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

=> file reg	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	7.24	61.67

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=> d his

(FILE 'HOME' ENTERED AT 12:52:31 ON 16 MAY 2006)

FILE 'REGISTRY' ENTERED AT 12:52:40 ON 16 MAY 2006

L1 954 S F[SN]R[ILV][ST]S/SQSP
L2 605 S L1 AND SQL=<700
L3 75 S L2 AND SQL=>600

FILE 'CAPLUS' ENTERED AT 12:55:19 ON 16 MAY 2006

L4 57 S L3
L5 6 S L4 NOT PY>1996

FILE 'REGISTRY' ENTERED AT 12:56:40 ON 16 MAY 2006

FILE 'CAPLUS' ENTERED AT 12:57:22 ON 16 MAY 2006
L6 6 S L5

FILE 'REGISTRY' ENTERED AT 12:58:47 ON 16 MAY 2006

L7 1 S 137750-42-6/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:59:51 ON 16 MAY 2006

=> d 13 sql seq 1,14

L3 ANSWER 1 OF 75 REGISTRY COPYRIGHT 2006 ACS on STN
SQL 693

SEQ 1 MNGAQLIFIF RLAIVLGRLL LIAISLSVCL ACGSVLVA AI ALRRSANATA
51 ALAATLAAAS AAATSASAGA GAAAAATSAA TLEAATTRRI RHKRRSSQRR
101 RSTNNNAVLS SGIGTGIGIG IGPGLTNSA LALPLATAPP TSVSTAADQT
151 AIAAATATAA SAAAEAAVAT TTAATAATAS TAAATVTTTL LPTEPEHSVP
201 MLSVQTAGCA GMERLGVPTR TSLSTPPDDR DQFRCRMRVD ALQARELLAV
251 RGETVIRGAG NNQHQQQHHL HHSSSSSNKQ QHSHHQQQRM TTPSTHNSSG
301 GSGGGGAAA GGDHQQHHHQ HQLGNSSSSN NNNSISSNVA RGGIEATTLK
351 YGNTGSGSGS GCYKGDGCGNS STGSSCSSLQ SHSNDHHQHY QYQLQQQQTP
401 RCPHHVPLPD SEYGQDRHLQ IRSSYQQSEI TRSYTKPPPN KTVRDVPEQI
451 SAGGCGVSSS SYRLTTLQAA SSTYTPAGVS VSASSSSSKS KPNAITKFFS
=====
501 RISSPKSPPS CTMTSVATAS PASSVSMSSS ASSLASSACV STSSSASSLA
=====
551 AAPTLPVNSA SLLKSTACGY GTNPSGIYAG LGPSTQLLTS LGTGTSGNCS
601 PERIPTPLS VSVPIGAGLQ PLRSSSSGSS SSTASLAAVE TTTTATTQS
651 SFAAGATGDL PLTTMSRNN NSMMSYHCS CNGRNC SHCA ANS

HITS AT: 499-504

RELATED SEQUENCES AVAILABLE WITH SEQLINK

L3 ANSWER 14 OF 75 REGISTRY COPYRIGHT 2006 ACS on STN
SQL 686

SEQ 1 MKQFDSRHDI RLVIPPEYRL WEEAEVHFLM EDASRNLLVN DKADYVKNQT
51 GEVVYRLREV DTMKPGCHRA VFRINYGDGT TMSFPQKGYI EVRIERTIHN
101 GRDTHIVEEI ALKVSLIDQK FADLAEVEE WRENVADDVK EKVYENLDID
151 RLSNTEVIQA RGGKKDLNER ITGIDEGLNA HIADKKNPHG TTKNDVGLGN
201 VPNWGAATQA EAQAGTNNSK IMTPQRTKEA IDALSSIHLL PKGSIPSDAG
251 IDSYPFGVSV MLVGEGEER GYPGTWGILT TFKPLGTSVS SSQEFSTRITS
=====
301 DQSVYKRTSN GSGWNGFVQQ ETTSGAQSKV NAHANNKNNP HDVTKSQIGL
351 GNVPNWGAAS QADARAGTNN TRMMSPLRTK EAIDAFASEA TIIPAKSANV
401 SGVDYPLGLT TFMHSGLGYP TDHGTIFNIK VSNLRFQLY FPHAIRHEEI
451 GMYFRHFYEG DGWTDFOQVE TTSGAQAKVD AHANNKGNPH GVTKAQVGLS
501 NVDNAKQATK VEFDAHVNNK SNPHGVTKSQ VGLGSVPNYP VSSQAQAEAG
551 THTASFMTPO RTKQAFQSFS NEPLNWIRAS LQSTWTHSSS WPVRYAKDST

601 GTVYIEGSMN GGAIGGDPV VQFILPPGYR PGQTSYFWLV GSSAGTSGAQ
651 GLRCYLGANG NFIIQDMTWP GATQFVAVNI VFKAGN
HITS AT: 295-300

=> d his

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FILE 'REGISTRY' ENTERED AT 12:52:40 ON 16 MAY 2006

L1 954 S F[SN]R[ILV][ST]S/SQSP
L2 605 S L1 AND SQL=<700
L3 75 S L2 AND SQL=>600

FILE 'CAPLUS' ENTERED AT 12:55:19 ON 16 MAY 2006

L4 57 S L3
L5 6 S L4 NOT PY>1996

FILE 'REGISTRY' ENTERED AT 12:56:40 ON 16 MAY 2006

FILE 'CAPLUS' ENTERED AT 12:57:22 ON 16 MAY 2006
L6 6 S L5

FILE 'REGISTRY' ENTERED AT 12:58:47 ON 16 MAY 2006

L7 1 S 137750-42-6/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:59:51 ON 16 MAY 2006

=> file caplus

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FULL ESTIMATED COST	13.44	75.11

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=> d l6 ibib kwic 1-6

L6 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:954104 CAPLUS

DOCUMENT NUMBER: 124:23081

TITLE: Developmentally regulated mouse gene NK10 encodes a zinc finger repressor protein with differential DNA-binding domains

AUTHOR(S): Lange, Rita; Christoph, Annette; Thiesen, Hans-Juergen; Vopper, Gaby; Johnson, Kenneth R.; Lemaire, Lydia; Plomann, Markus; Cremer, Harold; Barthels, Dagmar; Heinlein, Uwe A. O.

CORPORATE SOURCE: Inst. Genetik, Univ. Koeln, Cologne, D-50674, Germany

SOURCE: DNA and Cell Biology (1995), 14(11), 971-81
CODEN: DCEBE8; ISSN: 1044-5498

PUBLISHER: Liebert

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 171842-50-5
RL: PRP (Properties)
(amino acid sequence; sequence, binding and expression of mouse gene NK10 zinc finger repressor protein)

L6 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:745449 CAPLUS

DOCUMENT NUMBER: 123:308024

TITLE: The product of Zfp59 (Mfg2), a mouse gene expressed at the spermatid stage of spermatogenesis, accumulates in spermatozoa nuclei

AUTHOR(S): Passananti, Claudio; Corbi, Nicoletta; Paggi, Marco G.; Ruso, Mario A.; Perez, Marie; Cotelli, Franco; Stefanini, Mario; Amati, Paolo

CORPORATE SOURCE: Dipartimento di Biopatologia Umana, Univ. di Roma La Sapienza, Rome, 00161, Italy

SOURCE: Cell Growth & Differentiation (1995), 6(8), 1037-44
CODEN: CGDIE7; ISSN: 1044-9523

PUBLISHER: American Association for Cancer Research

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 169874-75-3, Protein (mouse testis gene Mfg2 reduced)
RL: PRP (Properties)
(amino acid sequence; spermatid stage expression of mouse gene Zfp59 (Mfg2) protein and its accumulation in spermatozoa nuclei)

L6 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:406623 CAPLUS

DOCUMENT NUMBER: 121:6623

TITLE: Mutations rendering platelet glycoprotein Ib α less reactive with von Willebrand factor

INVENTOR(S): Miller, Jonathan L.; Cunningham, David; Lyle, Vicki A.; Finch, Clara N.

PATENT ASSIGNEE(S): Research Foundation of State University of New York, USA

SOURCE: U.S., 20 pp. Cont.-in-part of U.S. Ser. No. 770,968.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5298239	A	19940329	US 1992-821717	19920115
US 5317097	A	19940531	US 1991-770968	19911007
US 5492809	A	19960220	US 1993-119262	19930909
PRIORITY APPLN. INFO.:			US 1991-770968	A2 19911007
			US 1992-821717	A3 19920115

IT 155663-44-8P, Glycoprotein Ib alpha analog (human)
RL: PREP (Preparation)

(amino acid sequence of and purification of, low reactivity with von Willebrand factor in relation to)

L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1992:725 CAPLUS
DOCUMENT NUMBER: 116:725
TITLE: Glycoprotein Ib α chain (GPIb α) fragments
and recombinant DNA expression vectors, and inhibition
of von Willebrand factor with the fragments
INVENTOR(S): Ruggeri, Zaverio M.; Zimmerman, Theodore S.; Houghten,
Richard A.; Vicente, Vicente; Mohri, Hiroshi; Ware,
Jerry L.
PATENT ASSIGNEE(S): Scripps Clinic and Research Foundation, USA
SOURCE: PCT Int. Appl., 77 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9109614	A1	19910711	WO 1991-US87	19910104
W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
US 5340727	A	19940823	US 1990-613083	19901114
AU 9177458	A1	19910724	AU 1991-77458	19910104
EP 524260	A1	19930127	EP 1991-908416	19910104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05503708	T2	19930617	JP 1991-507976	19910104
PRIORITY APPLN. INFO.:				US 1990-460674 A2 19900104
				US 1990-613083 A2 19901114
				US 1987-121454 B2 19871117
				WO 1991-US87 A 19910104
IT 111972-71-5, Sialoglycoprotein Ib (human clone λ GPIb2.4 α -subunit protein moiety reduced) 137750-42-6, 1-302-Sialoglycoprotein Ib (human clone λ GPIb2.4 α -subunit protein moiety reduced) RL: PROC (Process) (expression of, in mammalian cell line)				

L6 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1989:418553 CAPLUS
DOCUMENT NUMBER: 111:18553
TITLE: Structure of the human blood platelet membrane
glycoprotein Ib α gene
AUTHOR(S): Wenger, Roland H.; Kieffer, Nelly; Wicki, Andreas N.;
Clemetson, Kenneth J.
CORPORATE SOURCE: Theodor Kocher Inst., Univ. Berne, Bern, CH-3012,
Switz.
SOURCE: Biochemical and Biophysical Research Communications
(1988), 156(1), 389-95
CODEN: BBRC A9; ISSN: 0006-291X
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 111972-70-4, Sialoglycoprotein Ib (human clone λ GPIb2.4
 α -subunit precursor protein moiety reduced) 111972-71-5,
Sialoglycoprotein Ib (human clone λ GPIb2.4 α -subunit protein
moiety reduced)
RL: PRP (Properties)
(amino acid sequence of)

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1988:17039 CAPLUS

DOCUMENT NUMBER: 108:17039
 TITLE: Cloning of the α chain of human platelet glycoprotein Ib: a transmembrane protein with homology to leucine-rich α 2-glycoprotein
 AUTHOR(S): Lopez, Jose A.; Chung, Dominic W.; Fujikawa, Kazuo; Hagen, Frederick S.; Papayannopoulou, Thalia; Roth, Gerald J.
 CORPORATE SOURCE: Dep. Biochem., Univ. Washington, Seattle, WA, 98195, USA
 SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1987), 84(16), 5615-19
 CODEN: PNASA6; ISSN: 0027-8424
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 111972-70-4 111972-71-5
 RL: PRP (Properties)
 (amino acid sequence of)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.74	84.85

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 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Structure search iteration limits have been increased. See HELP SLIMITS for details.

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<http://www.cas.org/ONLINE/UG/regprops.html>

=> S 155663-44-8/RN

L8 1 155663-44-8/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D L8 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 6.36 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 155663-44-8 REGISTRY
CN Sialoglycoprotein Ib [57-phenylalanine,133-valine,165-valine] (human clone
λGPiB2.4 α-subunit protein moiety reduced) (9CI) (CA INDEX
NAME)
OTHER NAMES:
CN Glycoprotein Ib alpha analog (human)
FS PROTEIN SEQUENCE
SQL 610

SEQ 1 HPICEVSKVA SHLEVNCCKR NLTALPPDLP KDTTILHLSE NLLYTFSLAT
51 LMPYTRFTQL NLDRCCLTKL QVDGTLPLVG TLDLSHNQLQ SLPLLGGTLP
101 ALTVLDVSNF RLTSPLPLGAL RGLGELQELY LKVNELKTLP PGLLTPTPKL
151 EKLSLANNNL TELPVGLLNG LENLDTLLLQ ENSLYTIPKG FFGSHLLPFA
201 FLHGNPWL CN CEILYFRRWL QDNAENVYVW KQGV DVKAMT SNVASVQCDN
251 SDKFPVYKYP GKGCPTLGDE GDTDLYDYYP EEDTEGDKVR ATRTVVKFPT
301 KAHTTPWGLF YSWSTASLDS QMPSSLHPTQ ESTKEQTTFP PRWTPNFTLH
351 MESITFSKTP KSTTEPTPSP TTSEPVPEPA PNMTTLEPTP SPTTPEPTSE
401 PAPSPTTPEP TPIPTIATSP TILVSATSLI TPKSTFLTTT KPVSLLESTK
451 KTIPELDQPP KLRGV LQGHL ESSRNDPFLH PDFCCLLP LG FYVLGLFWLL
501 FASVVLILL L SWVGHVKPQA LDSGQGAALT TATQTTHLEL QGRQVTVPR
551 AWLLFLRGSL PTFRSSLFLW VRPNRGVGPL VAGRRPSALS QGRGQDLLST
601 VSIRYSGHSL

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA Caplus document type: Patent

RL.P Roles from patents: PREP (Preparation)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> d his

(FILE 'HOME' ENTERED AT 12:52:31 ON 16 MAY 2006)

FILE 'REGISTRY' ENTERED AT 12:52:40 ON 16 MAY 2006

L1 954 S F[SN]R[ILV][ST]S/SQSP

L2 605 S L1 AND SQL=<700

L3 75 S L2 AND SQL=>600

FILE 'CAPLUS' ENTERED AT 12:55:19 ON 16 MAY 2006

L4 57 S L3

```

L5          6 S L4 NOT PY>1996

FILE 'REGISTRY' ENTERED AT 12:56:40 ON 16 MAY 2006

FILE 'CAPLUS' ENTERED AT 12:57:22 ON 16 MAY 2006
L6          6 S L5

FILE 'REGISTRY' ENTERED AT 12:58:47 ON 16 MAY 2006
L7          1 S 137750-42-6/RN
            SET NOTICE 1 DISPLAY
            SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:59:51 ON 16 MAY 2006

FILE 'CAPLUS' ENTERED AT 13:03:15 ON 16 MAY 2006

FILE 'REGISTRY' ENTERED AT 13:04:39 ON 16 MAY 2006
L8          1 S 155663-44-8/RN
            SET NOTICE 1 DISPLAY
            SET NOTICE LOGIN DISPLAY

=> s 18 not 13
L9          0 L8 NOT L3

=> s 13 not 18
L10         74 L3 NOT L8

=> s 13 not 110
L11         1 L3 NOT L10

=> d SQL SEQ

L11 ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
SQL  610

SEQ      1 HPICEVSKVA SHLEVNC DKR NLTALPPDLP KDTTILHLSE NLLYTFSLAT
        51 LMPYTRFTQL NLDRC ELTKL QVDGTLPVLG TLDLSHNQLQ SLPLLGTLP
       101 ALTVLDVSN RLTSLPLGAL RGLGELQELY LKVNELKTLP PGLLTPTPKL
           == ====
       151 EKLSLANNNL TELPVGLLNG LENLDTLLLQ ENSLYTIPKG FFGSHLLPFA
       201 FLHGPNWLCN CEILYFRRWL QDNAENVYVW KQGV DVKAMT SNVASVQCDN
       251 SDKFPVYKYP GKGCPTLGDE GDTDLYDYYP EEDTEGDKVR ATRTVVKFPT
       301 KAHTTPWGLF YSWSTASLDS QMPSSLHPTQ ESTKEQTTFP PRWTPNFTLH
       351 MESITFSKTP KSTTEPTPSP TTSEPVPEPA PNMTTLEPTP SPTTPEPTSE
       401 PAPSPTTPEP TPIPTIATSP TILVSATSLI TPKSTFLT TT KPVS LLESTK
       451 KTIPELDQPP KLRGVLQGHL ESSRNDPFLH PDFCCLLPLG FYVLGLFWLL
       501 FASVVLILLL SWVGHV KPAQ LDSGQGAALT TATQTTHLEL QRGQVTVPR
       551 AWLLFLRGSL PFRSSFLW VRPNGRVGPL VAGRRPSALS QGRGQDLLST
       601 VSIRYSGHSL

HITS AT: 109-114

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

```

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

SESSION

13.96

98.81

STN INTERNATIONAL LOGOFF AT 13:07:52 ON 16 MAY 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9 MAR 22 EMBASE is now updated on a daily basis
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
thesaurus added in PCTFULL
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display
in MARPAT
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during
second quarter; strategies may be affected
NEWS 16 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 17 MAY 11 KOREAPAT updates resume

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available after June 2006

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* * * * *

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Dear valued STN customer,

In an effort to enhance your experience with STN, we would like to better understand what you find useful. Please take approximately 5 minutes to complete a web survey.

If you provide us with your name, login ID, and e-mail address, you will be entered in a drawing to win a free iPod(R). Your responses will be kept confidential and will help us make future improvements to STN.

Take survey: <http://www.zoomerang.com/survey.zgi?p=WEB2259HNKWTUW>

Thank you in advance for your participation.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:32:09 ON 17 MAY 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 08:32:34 ON 17 MAY 2006

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DICTIONARY FILE UPDATES: 16 MAY 2006 HIGHEST RN 884586-69-0

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* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

```
=> s F[SN]R[ILV][ST]S/SQSP
L1          954 F[SN]R[ILV][ST]S/SQSP
```

```
=> s l1 and SQL=<800
          50211776 SQL=<800
L2          669 L1 AND SQL=<800
```

```
=> s l1 and SQL=>650
          16524164 SQL=>650
L3          379 L1 AND SQL=>650
```

```
=> s l3 and l2
L4          94 L3 AND L2
```

```
=> file caplus
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                39.73        39.94
```

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FILE COVERS 1907 - 17 May 2006 VOL 144 ISS 21
FILE LAST UPDATED: 16 May 2006 (20060516/ED)

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<http://www.cas.org/infopolicy.html>

```
=> s l4
L5          82 L4
```

```
=> s l5 not py>1997
          8291208 PY>1997
L6          4 L5 NOT PY>1997
```

```
=> d ibib 1-4
```

```
L6  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:    1997:729635  CAPLUS
DOCUMENT NUMBER:     128:58751
TITLE:               Cloning and characterization of lung-endothelial cell
                        adhesion molecule-1 suggest it is an endothelial
                        chloride channel
AUTHOR(S):           Elble, Randolph C.; Widom, Joanne; Gruber, Achim D.;
                        Abdel-Ghany, Mossaad; Levine, Roy; Goodwin, Andrew;
                        Cheng, Hung-Chi; Pauli, Bendicht U.
CORPORATE SOURCE:    Cancer Biology Laboratories, Department of Pathology,
```

SOURCE: Cornell University College of Veterinary Medicine,
 Ithaca, NY, 14853, USA
 Journal of Biological Chemistry (1997), 272(44),
 27853-27861
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular
 Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:618632 CAPLUS
 DOCUMENT NUMBER: 119:218632
 TITLE: Multiple protein tyrosine phosphatase-encoding genes
 in the yeast *Saccharomyces cerevisiae*
 AUTHOR(S): James, Philip; Hall, Benjamin D.; Whelen, Sally;
 Craig, Elizabeth A.
 CORPORATE SOURCE: Dep. Genet., Univ. Washington, Seattle, WA, 98195, USA
 SOURCE: Gene (1992), 122(1), 101-10
 CODEN: GENED6; ISSN: 0378-1119
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:206442 CAPLUS
 DOCUMENT NUMBER: 118:206442
 TITLE: Isolation and characterization of a second protein
 tyrosine phosphatase gene, PTP2, from *Saccharomyces*
cerevisiae
 AUTHOR(S): Guan, Kun Liang; Deschenes, Robert J.; Dixon, Jack E.
 CORPORATE SOURCE: Dep. Biol. Chem., Univ. Michigan, Ann Arbor, MI,
 48109-0606, USA
 SOURCE: Journal of Biological Chemistry (1992), 267(14),
 10024-30
 CODEN: JBCHA3; ISSN: 0021-9258
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:140960 CAPLUS
 DOCUMENT NUMBER: 118:140960
 TITLE: A gene encoding a putative tyrosine phosphatase
 suppresses lethality of an N-end rule-dependent mutant
 AUTHOR(S): Ota, Irene M.; Varshavsky, Alexander
 CORPORATE SOURCE: Dep. Biol., Massachusetts Inst. Technol., Cambridge,
 MA, 02139, USA
 SOURCE: Proceedings of the National Academy of Sciences of the
 United States of America (1992), 89(6), 2355-9
 CODEN: PNASA6; ISSN: 0027-8424
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> d ibib kwic 3

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:206442 CAPLUS
 DOCUMENT NUMBER: 118:206442
 TITLE: Isolation and characterization of a second protein
 tyrosine phosphatase gene, PTP2, from *Saccharomyces*
cerevisiae
 AUTHOR(S): Guan, Kun Liang; Deschenes, Robert J.; Dixon, Jack E.

CORPORATE SOURCE: Dep. Biol. Chem., Univ. Michigan, Ann Arbor, MI,
48109-0606, USA
SOURCE: Journal of Biological Chemistry (1992), 267(14),
10024-30
CODEN: JBCHA3; ISSN: 0021-9258
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 147258-90-0
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); PRP (Properties); BIOL (Biological study)
(amino acid sequence of, complete)

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.36	49.30

FILE 'REGISTRY' ENTERED AT 08:36:39 ON 17 MAY 2006
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* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s 147258-90-0

L7 1 147258-90-0
(147258-90-0/RN)

=> d his

(FILE 'HOME' ENTERED AT 08:32:09 ON 17 MAY 2006)

FILE 'REGISTRY' ENTERED AT 08:32:34 ON 17 MAY 2006

L1 954 S F[SN]R[ILV][ST]S/SQSP
L2 669 S L1 AND SQL=<800
L3 379 S L1 AND SQL=>650
L4 94 S L3 AND L2

FILE 'CAPLUS' ENTERED AT 08:34:47 ON 17 MAY 2006

L5 82 S L4
L6 4 S L5 NOT PY>1997

FILE 'REGISTRY' ENTERED AT 08:36:39 ON 17 MAY 2006

L7 1 S 147258-90-0

=> s 17 and 14

L8 1 L7 AND L4

=> d SQL SEQ

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
SQL 750

SEQ 1 MDRIAQQYRN GKRDNNGNRM ASSAISEKGH IQVNQTRTPG QMPVYRGETI
51 NLSNLPQNQI KPCKDLDDVN IRRNNSNRHS KILLLDLCAG PNTNSFLGNT
101 NAKDITVLSL PLPSTLVKRS NYPFENLLKN YLGSDEKYIE FTKIIKDYDI
151 FIFSDSFSRI SSCLKTTFCL IEKFKKFICH FFPSPYLKFF LLEGSLNDSK
==== ==
201 APSLGKNKKK CILPKLDLNL NVNLTSRSTL NLRINIPPPN DSNKIFLQSL
251 KKDLIHYSNP SLQKFFQFNM PADLAPNDTI LPNWLKFCVS KENEKVILKK
301 LFNNFETLEN FEMQRLEKCL KFKKKPLHQK QLSQKQRGPO STDDSKLYSL
351 TSLQRQYKSS LKSNIQKNQK LKLIIPKNNT SSSPSPLSSD DTIMSPINDY
401 ELTEGIQSFT KNRYSNILPY EHSRVKLPHS PKPPAVSEAS TTETKTDKSY
451 PMCPVDAKNH SCKPNDYINA NYLNVQTQINP DFKYIATQAP LPSTMDDFWK
501 VITLNKVKVI ISLNSDDELN LRKWDIYWN LSYSNHTIKL QNTWENICNI
551 NGCVLRVFQV KKTAPQNDNI SQDCDLPHNG DLTSITMAVS EPFIVYQLQY
601 KNWLDSCGVD MNDIIKLHKV KNSLLFN PQS FITSLEKDVC KPDLDIDNNS
651 ELHLDTANSS PLLVHCSAGC GRTGVFVTL D FLLSILSPTT NHSNKIDVWN
701 MTQDLIFIIV NELRKQRISM VQNLTOYIAC YEALLNYFAL QKQIKNALPC

HITS AT: 157-162

=> s 11 and SQL=<300

17662663 SQL=<300

L9 271 L1 AND SQL=<300

=> s 11 and SQL=>230

44231749 SQL=>230

L10 785 L1 AND SQL=>230

=> s 110 and 19

L11 102 L10 AND L9

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

18.00

67.30

FILE 'CAPLUS' ENTERED AT 08:41:03 ON 17 MAY 2006

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FILE LAST UPDATED: 16 May 2006 (20060516/ED)

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=> s l11

L12 73 L11

=> s l12 not py>1997

8291208 PY>1997

L13 10 L12 NOT PY>1997

=> d ibib 1-10

L13 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:748948 CAPLUS

DOCUMENT NUMBER: 128:150233

TITLE: The complete genome sequence of the gram-positive bacterium *Bacillus subtilis*

AUTHOR(S): Kunst, F.; Ogasawara, N.; Moszer, I.; Albertini, A. M.; Alloni, G.; Azevedo, V.; Bertero, M. G.; Bessieres, P.; Bolotin, A.; Borchert, S.; Borriss, R.; Boursier, L.; Brans, A.; Braun, M.; Brignell, S. C.; Bron, S.; Brouillet, S.; Bruschi, C. V.; Caldwell, B.; Capuano, V.; Carter, N. M.; Choi, S.-K.; Codani, J.-J.; Connerton, I. F.; Cummings, N. J.; Daniel, R. A.; Denizot, F.; Devine, K. M.; Dusterhoft, A.; Ehrlich, S. D.; Emmerson, P. T.; Entian, K. D.; Errington, J.; Fabret, C.; Ferrari, E.; Foulger, D.; Fritz, C.; Fujita, M.; Fujita, Y.; Fuma, S.; Galizzi, A.; Galleron, N.; Ghim, S.-Y.; Glaser, P.; Goffeau, A.; Golightly, E. J.; Grandi, G.; Guiseppi, G.; Guy, B. J.; Haga, K.; et al.

CORPORATE SOURCE: Unite de Biochemie Microbienne, Inst. Pasteur, Paris, 75724, Fr.

SOURCE: Nature (London) (1997), 390(6657), 249-256

CODEN: NATUAS; ISSN: 0028-0836

PUBLISHER: Macmillan Magazines

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1996:729783 CAPLUS

DOCUMENT NUMBER: 126:85324

TITLE: Complete sequence analysis of the genome of the bacterium *Mycoplasma pneumoniae*

AUTHOR(S): Himmelreich, Ralf; Hilbert, Helmut; Plagens, Helga;

Pirkel, Elsbeth; Li, Bi-Chen; Herrmann, Richard

CORPORATE SOURCE: Zenatrum Mol. Biologie Heidelberg, Univ. Heidelberg, Heidelberg, 69120, Germany

SOURCE: Nucleic Acids Research (1996), 24(22), 4420-4449

CODEN: NARHAD; ISSN: 0305-1048

PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

L13 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1996:340166 CAPLUS
DOCUMENT NUMBER: 125:52254
TITLE: Cloning and expression of a second human natural
killer cell granule tryptase, HNK-Tryp-2/granzyme 3
AUTHOR(S): Sayers, Thomas J.; Lloyd, Andrew R.; McVicar, Daniel
W.; O'Connor, Michael D.; Kelly, Janice M.; Carter,
Clive R. D.; Wiltrout, Theresa A.; Wiltrout, Robert
H.; Smyth, Mark J.
CORPORATE SOURCE: Biological Carcinogenesis and Development Program,
National Cancer Inst., Frederick, MD, USA
SOURCE: Journal of Leukocyte Biology (1996), 59(5), 763-768
CODEN: JLBIE7; ISSN: 0741-5400
PUBLISHER: Federation of American Societies for Experimental
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L13 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:641402 CAPLUS
DOCUMENT NUMBER: 123:279361
TITLE: Cloning of cDNA for human granzyme 3
AUTHOR(S): Przetak, Melinda M.; Yoast, Sienna; Schmidt, Brian F.
CORPORATE SOURCE: Khepri Pharmaceuticals Inc., 260 Littlefield Avenue,
South San Francisco, CA, 94080, USA
SOURCE: FEBS Letters (1995), 364(3), 268-71
CODEN: FEBLAL; ISSN: 0014-5793
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

L13 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:45623 CAPLUS
DOCUMENT NUMBER: 122:73514
TITLE: Sequencing and gene expression of hypodermins A, B, C
in larval stages of Hypoderma lineatum
AUTHOR(S): Moire, Nathalie; Bigot, Yves; Periquet, Georges;
Boulard, Chantal
CORPORATE SOURCE: Laboratoire d'Immunopathologie des Maladies
Parasitaires, INRA Station de Pathologie Aviaire et de
Parasitologie, Nouzilly, 37380, Fr.
SOURCE: Molecular and Biochemical Parasitology (1994), 66(2),
233-40
CODEN: MBIPDP; ISSN: 0166-6851
DOCUMENT TYPE: Journal
LANGUAGE: English

L13 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:672177 CAPLUS
DOCUMENT NUMBER: 121:272177
TITLE: Tryptic fragments of glyocalicin for use in the
control of the interaction of von Willebrand factor
and platelet glycoprotein Ib
INVENTOR(S): Ruggeri, Zaverio M.; Ware, Jerry L.
PATENT ASSIGNEE(S): Scripps Research Institute, USA
SOURCE: U.S., 24 pp. Cont.-in-part of U.S. Ser. No. 460,674
abandoned
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5340727	A	19940823	US 1990-613083	19901114
CA 2072753	AA	19910705	CA 1991-2072753	19910104
WO 9109614	A1	19910711	WO 1991-US87	19910104
W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9177458	A1	19910724	AU 1991-77458	19910104
EP 524260	A1	19930127	EP 1991-908416	19910104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05503708	T2	19930617	JP 1991-507976	19910104
PRIORITY APPLN. INFO.:			US 1987-121454	B2 19871117
			US 1990-460674	B2 19900104
			US 1990-613083	A 19901114
			WO 1991-US87	A 19910104

L13 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1994:45956 CAPLUS
DOCUMENT NUMBER: 120:45956
TITLE: Bifunctional antithrombotic molecules and antithrombotic polypeptides
INVENTOR(S): Ruggeri, Zaverio M.; Ware, Jerry L.; De Marco, Luigi; Mazzucato, Mario
PATENT ASSIGNEE(S): Scripps Research Institute, USA
SOURCE: PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9311778	A1	19930624	WO 1992-US10947	19921211
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9333266	A1	19930719	AU 1993-33266	19921211
PRIORITY APPLN. INFO.:			US 1991-806709	A1 19911212
			WO 1992-US10947	A 19921211

L13 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:725 CAPLUS
DOCUMENT NUMBER: 116:725
TITLE: Glycoprotein Ib α chain (GPIb α) fragments and recombinant DNA expression vectors, and inhibition of von Willebrand factor with the fragments
INVENTOR(S): Ruggeri, Zaverio M.; Zimmerman, Theodore S.; Houghten, Richard A.; Vicente, Vicente; Mohri, Hiroshi; Ware, Jerry L.
PATENT ASSIGNEE(S): Scripps Clinic and Research Foundation, USA
SOURCE: PCT Int. Appl., 77 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9109614 A1 19910711 WO 1991-US87 19910104
W: AU, CA, JP, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE
US 5340727 A 19940823 US 1990-613083 19901114
AU 9177458 A1 19910724 AU 1991-77458 19910104
EP 524260 A1 19930127 EP 1991-908416 19910104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
JP 05503708 T2 19930617 JP 1991-507976 19910104
PRIORITY APPLN. INFO.: US 1990-460674 A2 19900104
US 1990-613083 A2 19901114
US 1987-121454 B2 19871117
WO 1991-US87 A 19910104

L13 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1990:164933 CAPLUS

DOCUMENT NUMBER: 112:164933

TITLE: Proteolytic fragments and synthetic peptides that block the binding of von Willebrand factor to the platelet membrane glycoprotein Ib

INVENTOR(S): Zimmerman, Theodore S.; Ruggeri, Zaverio M.; Houghten, Richard A.; Vincete, Vincete; Mohri, Hiroshi

PATENT ASSIGNEE(S): Scripps Clinic and Research Foundation, USA

SOURCE: Eur. Pat. Appl., 10 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 317278	A2	19890524	EP 1988-310799	19881116
EP 317278	A3	19891123		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 01221394	A2	19890904	JP 1988-291065	19881115
AU 8825605	A1	19890518	AU 1988-25605	19881116
AU 626813	B2	19920813		
DK 8806399	A	19890518	DK 1988-6399	19881116
FI 8805303	A	19890518	FI 1988-5303	19881116
NO 8805108	A	19890518	NO 1988-5108	19881116
PRIORITY APPLN. INFO.:			US 1987-121454	A 19871117

L13 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1987:473319 CAPLUS

DOCUMENT NUMBER: 107:73319

TITLE: Complete amino acid sequence of the collagenase from the insect *Hypoderma lineatum*

AUTHOR(S): Lecroisey, Anne; Gilles, Anne Marie; De Wolf, Andre; Keil, Borivoj

CORPORATE SOURCE: Unite Chim. Proteines, Inst. Pasteur, Paris, 75724/15, Fr.

SOURCE: Journal of Biological Chemistry (1987), 262(16), 7546-51

CODEN: JBCHA3; ISSN: 0021-9258

DOCUMENT TYPE: Journal

LANGUAGE: English

=> d kwic 6

L13 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

IT 125889-86-3 125889-87-4 125889-88-5 125889-93-2 125889-97-6
125889-98-7 125889-99-8 125890-00-8 125890-01-9 125890-02-0
125890-03-1 **126124-79-6**, 1-293-Sialoglycoprotein Ib (human clone

FILE 'CAPLUS' ENTERED AT 08:34:47 ON 17 MAY 2006
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L6 4 S L5 NOT PY>1997

FILE 'REGISTRY' ENTERED AT 08:36:39 ON 17 MAY 2006
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L8 1 S L7 AND L4
L9 271 S L1 AND SQL=<300
L10 785 S L1 AND SQL=>230
L11 102 S L10 AND L9

FILE 'CAPLUS' ENTERED AT 08:41:03 ON 17 MAY 2006
L12 73 S L11
L13 10 S L12 NOT PY>1997

FILE 'REGISTRY' ENTERED AT 08:42:43 ON 17 MAY 2006
L14 1 S 126124-79-6

=> s l14 and l11
L15 1 L14 AND L11

=> d cn sql seq

L15 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
CN 1-293-Sialoglycoprotein Ib (human clone λ GPIb2.4 α -subunit
protein moiety reduced) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-293-Glycocalicin (human)
CN 1-293-Glycolipoprotein GPIb (human clone λ GPIb2.4 α -subunit
protein moiety reduced)
CN [1-293] Glycoprotein GPIb α (human)
SQL 293

SEQ 1 HPICEVSKVA SHLEVNC DKR NLTALPPDLP KDTTILHLSE NLLYTFSLAT
51 LMPYTRLTQL NLDRCETLKL QVDGTLPLVG TLDLSHNQLQ SLPLLGGQTLPL
101 ALTVLDVFSN RLTSPLPLGAL RGLGELQELY LKGNELKTLP PGLLTPTPKL
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151 EKLSLANNNL TELPAGLLNG LENLDTLLLQ ENSLYTIPKG FFGSHLLPFA
201 FLHGPNWLCN CEILYFRRWL QDNAENVYVW KQGV DVKAMT SNVASVQCDN
251 SDKFPVYKYP GKGCPTLGDE GDTDLYDYYP EEDTEGDKVR ATR
HITS AT: 109-114

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---Logging off of STN---

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Executing the logoff script...

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	8.56	90.92

STN INTERNATIONAL LOGOFF AT 08:45:33 ON 17 MAY 2006

Connecting via Winsock to STN

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LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9 MAR 22 EMBASE is now updated on a daily basis
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
thesaurus added in PCTFULL
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display
in MARPAT
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during
second quarter; strategies may be affected
NEWS 16 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 17 MAY 11 KOREAPAT updates resume

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

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NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:17:34 ON 18 MAY 2006

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FULL ESTIMATED COST          0.21      0.21
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FILE 'REGISTRY' ENTERED AT 08:17:44 ON 18 MAY 2006
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DICTIONARY FILE UPDATES: 16 MAY 2006 HIGHEST RN 884586-69-0

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
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Structure search iteration limits have been increased. See HELP SLIMITS for details.

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<http://www.cas.org/ONLINE/UG/regprops.html>

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L1      1 CFSRVSSGGS/SQEP
          (CFSRVSSGGS/SQEP AND SQL=10)
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(CFSRVSSGGS/SQEFP AND SQL=10)

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
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FILE 'CAPLUS' ENTERED AT 08:19:26 ON 18 MAY 2006
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FILE COVERS 1907 - 18 May 2006 VOL 144 ISS 21
FILE LAST UPDATED: 16 May 2006 (20060516/ED)

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=> s l1
L4 1 L1

=> d ibib

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:1996 CAPLUS
DOCUMENT NUMBER: 142:87715
TITLE: Protein and cDNA sequences of a novel human calcium-activated chloride channel protein CLCA2 and their use in anti-metastatic therapy
INVENTOR(S): Pauli, Bendicht U.; Elble, Randolph C.; Gruber, Achim D.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 85 pp., Cont.-in-part of U.S. Ser. No. 55,412.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004265859	A1	20041230	US 2004-779949	20040217
US 6309857	B1	20011030	US 1998-193562	19981117

US 2003059861	A1	20030327	US 2001-55412	20011029
US 6692939	B2	20040217		

PRIORITY APPLN. INFO.:

US 1997-65922P	P	19971117
US 1998-193562	A3	19981117
US 2001-55412	A2	20011029
US 1998-193561	A3	19981117

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COST IN U.S. DOLLARS

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TOTAL

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FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 16 MAY 2006 HIGHEST RN 884586-69-0
 DICTIONARY FILE UPDATES: 16 MAY 2006 HIGHEST RN 884586-69-0

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 * The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Structure search iteration limits have been increased. See HELP SLIMITS
 for details.

REGISTRY includes numerically searchable data for experimental and
 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

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9238278 SQL=<100

L6 15 L5 AND SQL=<100

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

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FULL ESTIMATED COST

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=> s 16

L7 11 L6

=> s 17 not py>2002

3849254 PY>2002

L8 1 L7 NOT PY>2002

=> d ibib

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:895073 CAPLUS

DOCUMENT NUMBER: 137:16521

TITLE: Human polypeptide fragments and their encoding cDNA polynucleotides

INVENTOR(S): Shimkets, Richard A.; Leach, Martin D.

PATENT ASSIGNEE(S): Curagen Corporation, USA

SOURCE: PCT Int. Appl., 1037 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092523	A2	20011206	WO 2001-XD10836	20010529
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
WO 2001092523	A2	20011206	WO 2001-US10836	20010529
WO 2001092523	A3	20020906		
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 VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
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 US 2000-228716P P 20000829
 WO 2001-US10836 W 20010529

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 15 IBIB
 46 KWIC
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 (IBIB(W) KWIC)

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L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:895073 CAPLUS
 DOCUMENT NUMBER: 137:16521
 TITLE: Human polypeptide fragments and their encoding cDNA
 polynucleotides
 INVENTOR(S): Shimkets, Richard A.; Leach, Martin D.
 PATENT ASSIGNEE(S): Curagen Corporation, USA
 SOURCE: PCT Int. Appl., 1037 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092523	A2	20011206	WO 2001-XD10836	20010529
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LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,				
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,				
YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG,				
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GW, ML, MR, NE, SN, TD, TG				
WO 2001092523	A2	20011206	WO 2001-US10836	20010529
WO 2001092523	A3	20020906		
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			WO 2001-US10836	W 20010529
IT 434520-84-0P	434520-88-4P	434520-91-9P	434520-94-2P	434520-98-6P
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434522-83-5P	434522-86-8P	434522-90-4P	434522-93-7P	434522-97-1P
434523-00-9P	434523-03-2P	434523-07-6P	434523-10-1P	434523-14-5P
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434523-71-4P	434523-73-6P	434523-75-8P	434523-77-0P	434523-79-2P
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434523-91-8P	434523-93-0P	434523-95-2P		

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
(amino acid sequence; human polypeptide fragments and their encoding cDNA polynucleotides)

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.92

88.69

FILE 'REGISTRY' ENTERED AT 08:21:22 ON 18 MAY 2006

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 16 MAY 2006 HIGHEST RN 884586-69-0

DICTIONARY FILE UPDATES: 16 MAY 2006 HIGHEST RN 884586-69-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	89.13

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> S 434521-45-6/RN

L10 1 434521-45-6/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D L10 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):n

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> d his

(FILE 'HOME' ENTERED AT 08:17:34 ON 18 MAY 2006)

FILE 'REGISTRY' ENTERED AT 08:17:44 ON 18 MAY 2006

L1 1 S CFSRVSSGGS/SQEP
L2 1 S CFSRVSSGGS/SQSP
L3 1 S CFSRVSSGGS/SQEPF

FILE 'CAPLUS' ENTERED AT 08:19:26 ON 18 MAY 2006

L4 1 S L1

FILE 'REGISTRY' ENTERED AT 08:19:50 ON 18 MAY 2006

L5 54 S CFSRVSSGGS/SQSFP
L6 15 S L5 AND SQL=<100

FILE 'CAPLUS' ENTERED AT 08:20:45 ON 18 MAY 2006

L7 11 S L6
L8 1 S L7 NOT PY>2002
L9 0 S IBIB KWIC

FILE 'REGISTRY' ENTERED AT 08:21:22 ON 18 MAY 2006

FILE 'REGISTRY' ENTERED AT 08:21:35 ON 18 MAY 2006

L10 1 S 434521-45-6/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

=> s l6 and l10

L11 1 L6 AND L10

=> d sql seq

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
SQL 70

SEQ 1 MAVVTYAGSR VCTQSPQPMC YTKVTPGTSR TTLFMWLQVG QRWEKQSTFA
= =====

51 SHSDVWVITYE RPQLGDISSR
HITS AT: 20-29

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.28	95.41

STN INTERNATIONAL LOGOFF AT 08:22:59 ON 18 MAY 2006

ACCESSION NUMBER: 1994:672177 CAPLUS
 DOCUMENT NUMBER: 121:272177
 TITLE: Tryptic fragments of glyocalicin for use in the control of the interaction of von Willebrand factor and platelet glycoprotein Ib
 INVENTOR(S): Ruggeri, Zaverio M.; Ware, Jerry L.
 PATENT ASSIGNEE(S): Scripps Research Institute, USA
 SOURCE: U.S., 24 pp. Cont.-in-part of U.S. Ser. No. 460,674 abandoned
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5340727	A	19940823	US 1990-613083	19901114
CA 2072753	AA	19910705	CA 1991-2072753	19910104
WO 9109614	A1	19910711	WO 1991-US87	19910104
W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9177458	A1	19910724	AU 1991-77458	19910104
EP 524260	A1	19930127	EP 1991-908416	19910104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05503708	T2	19930617	JP 1991-507976	19910104
PRIORITY APPLN. INFO.:			US 1987-121454	B2 19871117
			US 1990-460674	B2 19900104
			US 1990-613083	A 19901114
			WO 1991-US87	A 19910104

CN 1-293-Sialoglycoprotein Ib (human clone λ GPIb2.4 α -subunit
protein moiety reduced) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-293-Glycocalicin (human)

CN 1-293-Glycolipoprotein GPIb (human clone λ GPIb2.4 α -subunit
protein moiety reduced)

CN [1-293] Glycoprotein GPIb α (human)

SQL 293

SEQ 1 HPICEVSKVA SHLEVNCCKR NLTALPPDLP KDTTILHLSE NLLYTFSLAT
51 LMPYTRLTQL NLDRCETLKL QVDGTLPLVG TLDLSHNQLQ SLPLLGTLP
101 ALTVLDVSFN RLTSPLPLGAL RGLGELQELY LKGNELKTLP PGLLTPTPKL
== ===
151 EKLSLANNNL TELPAGLLNG LENLDTLLLQ ENSLYTIPKG FFGSHLLPFA
201 FLHGNPWLCN CEILYFRRWL QDNAENVYVW KQGVVDKAMT SNVASVQCDN
251 SDKFPVYKYP GKGCP TLGDE GDTDLYDYYP EEDTEGDKVR ATR

HITS AT: 109-114

EnCor Biotechnology Inc.
12055 Research Drive
Alachua
Florida 32615
Tel (386) 462 5006
Fax (386) 462 0875



Calculate the molecular weight of a protein sequence:

It is often important to know the molecular weight and approximate charge of a peptide or protein. This program will take a protein sequence and calculate the molecular weight and approximate charge. To ignore numbers, spaces, punctuation or characters like B or Z which do not correspond to one of the encoded amino acids. This version can also deal with FASTA format sequences (see [here](#) for info on it ignores any line of text which is started by a ">" character. The program can also process multiple entries, only counting the sequence data and ignoring the stuff following the ">". It was actually quite a bit of research how to make this program. The atomic weights for each atom used are from the International Union of Pure and Applied Chemistry (IUPAC) web site [here](#). This data gives average atomic weights based on average values for the elements on the planet earth, which can of course vary somewhat. The values, in Daltons, are H=1.00794, C=12.0107, O=15.9994 and S=32.065. For phosphoproteins P=30.973761. You'll find that the results you'll get are more or less but not quite the same as what you will get from other programs; If you just want to get an idea of where to look for the protein in a gel, any of these programs will be plenty accurate. In the days of mass spectroscopy it can be quite important to get very accurate results. The small differences between different programs are due to several factors. One is that other programs may use slightly different average atomic weight of each atom, using older IUPAC numbers or simply rounding off the atomic weights. Another important factor is that the molecular weight of a protein is a function of the ionization state; at neutral pH, aspartic and glutamic acids have both lost the vast majority of their hydrogens, so proteins containing these amino acids lose weight. Similarly at neutral pH, the vast majority of lysine and arginine residues have gained an additional hydrogen, they are protonated, adding 1.00794 for each of these two amino acids. Finally, histidine is partially protonated at neutral pH, but only to a limited extent, roughly 50% at pH=7.0. In this program we assume that histidine is 50% protonated, adding 0.5 of a hydrogen per Histidine residue, halfway between the 7 in deprotonated histidine and the 8 of the protonated form. Of course the differences due to protonation and deprotonation are relatively small, and for many proteins the level of protonation of lysine, arginine and histidine is more or less balanced by the level of deprotonation of aspartic and glutamic acids. Posttranslational modifications such as phosphorylation and glycosylation have a much larger effect on protein molecular weight. At least we are telling you exactly how our program works...

Please type or paste your protein sequence in box below, can be upper or lowercase, program will not

```
HPICEVSKVA SHLEVNC DKR NLTALPPDLP KDTTILHLSE NLLYTFSLAT
  51 LMPYTRLTQL NLDRC ELTKL QVDGTL PVLG TLDLSHNQLQ SLPLL GQTL P
 101 ALTVLDV SFN RLTS LPLGAL RGLGELQELY LKGNELKTLP PGLLTPTPKL
      == ====
 151 EKLSLANNNL TELPAGLLNG LENLDTLLLQ ENSLYTIPKG FFGSHLLPFA
 201 FLHGPNWLCN CEILYFRRWL QDNAENVYVW KQGV DVKAMT SNVASVQCDN
```

Press Here To Calculate

There are 293 Amino acids, and MW is 32629.92 Daltons, or 32.63 KiloDaltons